

### Patent Claims

1. Liposome-forming composition, containing at least one lipid, which is capable of forming a double layer, and tetraether lipid which spans the double layer.
2. Composition according to Claim 1, further containing at least one antioxidation agent and/or at least one preservative and/or one consistency generator.
3. Composition according to one of the aforementioned claims, further containing a pharmaceutical active substance.
4. Composition according to Claim 3, wherein the pharmaceutical active substance is a peptide active substance.
5. Composition according to one of the aforementioned claims, wherein the molar ratio of lipid to tetraether lipid lies in the range from 2.5:1 to 5:1.
6. Composition according to one of the aforementioned claims, wherein the lipid is DSPC or DPPC and the tetraether lipid is GCTE.
7. Composition according to one of the Claims 1 to 6, wherein the lipid is DSPC and the tetraether lipid is a mixture of GCTE and AF1.
8. Use of the composition according to one of the Claims 1 to 7 for forming liposomes.
9. Liposomes, obtainable by suspending a composition according to any of the Claims 1 to 7 in an aqueous medium.
10. Liposomes according to Claim 9, wherein the liposomes contain a peptide active substance.
11. Liposomes according to Claim 10, wherein the ratio between the total molarity of lipid and tetralipid to the mass of the peptide active substance lies in the range from 0.005 to 0.2 micromol/microgram.

